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"The source document for reference 1984:486904 is EP 110186; US 4510251 is part of the patent family. Both patents do show the structure with a single 4-5 bond; however, based on the information in the text, we believe this structure to be in error. Our structure was based on the fact that in the example (that also showed the structure) the compound was called a cortisol-aminomethyl fluorescein derivative and the starting material was cortisol-3-carboxymethoxime. Cortisol has a double bond in the 4-5 position.

Hopefully, this explains the discrepancy? We went with the name, not the structure."

-----Original Message-----

From: CAS Customer Care
Sent: Tuesday, November 14, 2006 11:59 AM
To: Ramey, Michael
Subject: FW: question about a Registry record

-----Original Message-----

From: O'Bryen, Barbara [mailto:Barbara.OBryen@uspto.gov]
Sent: Tuesday, November 14, 2006 11:56 AM
To: CAS Customer Care
Cc: Shafer, Shulamith
Subject: question about a Registry record

Hello,

I recently did a search that retrieved as one of its answers CAPlus accession # 1984:486904. The source document for this record is US Patent 4510251.

One of the Registry numbers in this record is 91539-66-1. The structure in Registry is of a steroid with a double bond at position 4-5. The patent document shows a structure similar to 91539-66-1 in all ways, except that the 4-5 bond is single.

Can you please explain this apparent discrepancy?

Thank you,

Barb O'Bryen

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